

MILITARY SPECIFICATION

SEMICONDUCTOR DEVICE, DIODE, LIGHT EMITTING

TYPES JAN1N5765 AND JANTX1N5765

This amendment forms a part of Military Specification MIL-S-19500/467, dated 25 January 1972, and is approved for use by all Departments and Agencies of the Department of Defense.

PAGE 1

1.3, Maximum ratings, under  $T_{op}$  column: Delete "-55" and substitute "-65".

PAGE 2

3.3.1, delete and substitute:

"3.3.1 Lead finish. Lead finish shall be gold-plated or tinned."

3.3.1.1: Delete.

PAGE 3

\* FIGURE 1, dimensions J: Under Min subcolumns, delete ".139" and "3.53" and substitute ".120" and "3.05", respectively.

PAGE 5

Table I, Subgroup 2, Luminous intensity, Symbol  $I_{v2}$ , Details column: Delete "LED rotated 360° on optical axis (see figure 1, 3.2(e) and 4.4.3)".

Table I, Subgroup 3: Delete "Breakdown voltage" in its entirety.

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Table II, Subgroup 2, End points: Delete "Forward voltage and Reverse current" in their entirety.

Table II, Subgroup 6, End points: Delete "Forward voltage and Reverse current" in their entirety.

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\* Table III, Subgroup 4, End points: Delete and substitute the following:

Examination or test	MIL-STD-750		LTPD		Symbol	Limits		Unit
	Method	Details	Non TX	TX		Min	Max	
Luminous intensity	---	$I_F = 20 \text{ mAdc};$ $\theta = 0^\circ$			$I_{v1}$	0.45	3.0	mcd

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Table IV, Reverse current, Symbol  $\Delta I_R$ , Details column: Delete " $V_R = 50 \text{ Vdc}$ " and substitute " $V_R = 3 \text{ Vdc}$ ".

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6.2, Ordering data: Delete (a) and (b) in their entirety.

NOTE: The margins of this amendment are marked with an asterisk to indicate where changes from the previous amendment were made. This was done as a convenience only and the Government assumes no liability whatsoever for any inaccuracies in these notations. Bidders and contractors are cautioned to evaluate the requirements of this document based on the entire content irrespective of the marginal notations and relationship to the last previous amendment.

Custodians:

Air Force - 17  
Army - EL  
Navy - EC

Preparing activity:

Air Force - 17

Agent:

DLA - ES

Review activities:

Air Force - 11, 99  
Army - MI, MU  
DLA - ES

(Project 5961-0655)

User activities:

Air Force - 19  
Army - SM  
Navy - AS, CG, MC, OS, SH